
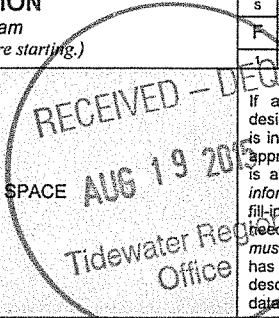


FORM 1 GENERAL		 U.S. ENVIRONMENTAL PROTECTION AGENCY GENERAL INFORMATION Consolidated Permits Program (Read the "General Instructions" before starting.)		I. EPA I.D. NUMBER	
LABEL ITEMS I. EPA I.D. NUMBER III. FACILITY NAME V. FACILITY MAILING ADDRESS VI. FACILITY LOCATION		PLEASE PLACE LABEL IN THIS SPACE 		GENERAL INSTRUCTIONS If a preprinted label has been provided, affix it in the designated space. Review the information carefully; if any of it is incorrect, cross through it and enter the correct data in the appropriate fill-in area below. Also, if any of the preprinted data is absent (the area to the left of the label space lists the information that should appear), please provide it in the proper fill-in area(s) below. If the label is complete and correct, you need not complete items I, III, V, and VI (except VI-B which must be completed regardless). Complete all items if no label has been provided. Refer to the instructions for detailed item descriptions and for the legal authorizations under which this data is collected.	
II. POLLUTANT CHARACTERISTICS					
INSTRUCTIONS: Complete A through J to determine whether you need to submit any permit application forms to the EPA. If you answer "yes" to any questions, you must submit this form and the supplemental form listed in the parenthesis following the question. Mark "X" in the box in the third column if the supplemental form is attached. If you answer "no" to each question, you need not submit any of these forms. You may answer "no" if your activity is excluded from permit requirements; see Section C of the instructions. See also, Section D of the instructions for definitions of bold-faced terms.					
SPECIFIC QUESTIONS		Mark "X" YES NO FORM ATTACHED		SPECIFIC QUESTIONS	
A. Is this facility a publicly owned treatment works which results in a discharge to waters of the U.S.? (FORM 2A)		YES NO FORM ATTACHED 16 17 18		B. Does or will this facility (either existing or proposed) include a concentrated animal feeding operation or aquatic animal production facility which results in a discharge to waters of the U.S.? (FORM 2B)	
C. Is this a facility which currently results in discharges to waters of the U.S. other than those described in A or B above? (FORM 2C)		YES NO FORM ATTACHED 22 23 24		D. Is this a proposed facility (other than those described in A or B above) which will result in a discharge to waters of the U.S.? (FORM 2D)	
E. Does or will this facility treat, store, or dispose of hazardous wastes? (FORM 3)		YES NO FORM ATTACHED 28 29 30		F. Do you or will you inject at this facility industrial or municipal effluent below the lowermost stratum containing, within one quarter mile of the well bore, underground sources of drinking water? (FORM 4)	
G. Do you or will you inject at this facility any produced water or other fluids which are brought to the surface in connection with conventional oil or natural gas production, inject fluids used for enhanced recovery of oil or natural gas, or inject fluids for storage of liquid hydrocarbons? (FORM 4)		YES NO FORM ATTACHED 34 35 36		H. Do you or will you inject at this facility fluids for special processes such as mining of sulfur by the Frasch process, solution mining of minerals, in situ combustion of fossil fuel, or recovery of geothermal energy? (FORM 4)	
I. Is this facility a proposed stationary source which is one of the 28 industrial categories listed in the instructions and which will potentially emit 100 tons per year of any air pollutant regulated under the Clean Air Act and may affect or be located in an attainment area? (FORM 5)		YES NO FORM ATTACHED 40 41 42		J. Is this facility a proposed stationary source which is NOT one of the 28 industrial categories listed in the instructions and which will potentially emit 250 tons per year of any air pollutant regulated under the Clean Air Act and may affect or be located in an attainment area? (FORM 5)	
43 44 45					
III. NAME OF FACILITY					
C. SKIP 1 Brady Farm 15 16 - 29 30 69					
IV. FACILITY CONTACT					
A. NAME & TITLE (last, first, & title) 2 Brady Ryan owner 15 16 45 46 47 48 49 51 52 55					
B. PHONE (area code & no.) 757 894 4410					
V. FACILITY MAILING ADDRESS					
A. STREET OR P.O. BOX 3 32304 Greta rd Box 416 15 16 45					
B. CITY OR TOWN 4 Atlantic Va 23303 15 16 40 41 42 47 51					
C. STATE 47					
D. ZIP CODE 51					
VI. FACILITY LOCATION					
A. STREET, ROUTE NO. OR OTHER SPECIFIC IDENTIFIER 5 32304 Greta rd 15 16 45					
B. COUNTY NAME 46 Accomack 70					
C. CITY OR TOWN 6 Atlantic 15 16 40 41 42 47 51 52 54					
D. STATE 47 VA					
E. ZIP CODE 51 23303					
F. COUNTY CODE (if known) 52 001					

VII. SIC CODES (4-digit, in order of priority)

VIII. OPERATOR INFORMATION

C. STATUS OF OPERATOR (Enter the appropriate letter into the answer box; if "Other," specify.)		D. PHONE (area code & no.)
--	--	----------------------------

E. STREET OR P.O. BOX									
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F. CITY OR TOWN		G. STATE	H. ZIP CODE	IX. INDIAN LAND
-----------------	--	----------	-------------	-----------------

X. EXISTING ENVIRONMENTAL PERMITS									
-----------------------------------	--	--	--	--	--	--	--	--	--

A. NPDES (Discharges to Surface Water)	D. PSD (Air Emissions from Proposed Sources)	
--	--	--

15 16 17 18				30 15 16 17 18				30			
B. UIC (Underground Injection of Fluids)				UPG				E. OTHER (specify)			

C. RCRA (Hazardous Wastes)	E. OTHER (specify)
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[illegible]

Attach to this application a topographic map of the area extending to at least one mile beyond property boundaries. The map must show the outline of the facility, the location of each of its existing and proposed intake and discharge structures, each of its hazardous waste treatment, storage, or disposal facilities, and each well where it injects fluids underground. Include all springs, rivers, and other surface water bodies in the map area. See instructions for precise requirements.

XII. NATURE OF BUSINESS (provide a brief description)	
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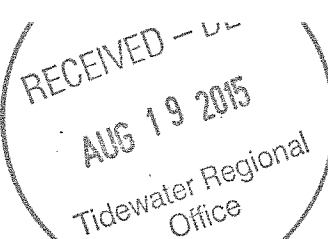
Poultry growing operation

XIII. CERTIFICATION (see instructions)

I certify under penalty of law that I have personally examined and am familiar with the information submitted in this application and all attachments and that, based on my inquiry of those persons immediately responsible for obtaining the information contained in the application, I believe that the information is true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment.

COMMENTS FOR OFFICIAL USE ONLY

EPA Form 3510-1 (8-90)



EPA I.D. NUMBER (copy from Item 1 of Form 1)

FORM 2B NPDES	EPA U.S. ENVIRONMENTAL PROTECTION AGENCY APPLICATIONS FOR PERMIT TO DISCHARGE WASTEWATER CONCENTRATED ANIMAL FEEDING OPERATIONS AND AQUATIC ANIMAL PRODUCTION FACILITIES
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I. GENERAL INFORMATION Applying for: Individual Permit ☐ Coverage Under General Permit ☐

A. TYPE OF BUSINESS	B. CONTACT INFORMATION	C. FACILITY OPERATION STATUS
<input checked="" type="checkbox"/> 1. Concentrated Animal Feeding Operation (complete items B, C, D, and section II) <input type="checkbox"/> 2. Concentrated Aquatic Animal Production Facility (complete items B, C, and section III)	Owner/or Operator Name: <u>Ryan L. Brady</u> Telephone: (757) <u>894 4410</u> Address: <u>32304 Gretna rd box 416</u> Facsimile: () _____ City: <u>Atlantic</u> State: <u>Va</u> Zip Code: <u>23303</u>	<input checked="" type="checkbox"/> 1. Existing Facility <input type="checkbox"/> 2. Proposed Facility

D. FACILITY INFORMATION

Name: Ryan L. Brady Telephone: (757) 894-4410
 Address: 32304 Gretna rd Facsimile: () _____
 City: Atlantic State: Va Zip Code: 23303
 County: Accomack Latitude: 37.90026 Longitude: -75.51200

If contract operation: Name of Integrator: Amick Farms
 Address of Integrator: 274 Nelson St Box 1030 Hurlock MD 21643

II. CONCENTRATED ANIMAL FEEDING OPERATION CHARACTERISTICS

A. TYPE AND NUMBER OF ANIMALS			B. MANURE, LITTER, AND/OR WASTEWATER PRODUCTION AND USE
1. TYPE	2. ANIMALS		1. How much manure, litter, and wastewater is generated annually by the facility? <u>433.1</u> tons _____ gallons 2. If land applied how many acres of land under the control of the applicant are available for applying the CAFOs manure/litter/wastewater? _____ acres 3. How many tons of manure or litter, or gallons of wastewater produced by the CAFO will be transferred annually to other persons? <u>433.1</u> tons _____ gallons
	NO. IN OPEN CONFINEMENT	NO. HOUSED UNDER ROOF	
<input type="checkbox"/> Mature Dairy Cows			
<input type="checkbox"/> Dairy Heifers			
<input type="checkbox"/> Veal Calves			
<input type="checkbox"/> Cattle (not dairy or veal calves)			
<input type="checkbox"/> Swine (55 lbs. or over)			
<input type="checkbox"/> Swine (under 55 lbs.)			
<input type="checkbox"/> Horses			
<input type="checkbox"/> Sheep or Lambs			
<input type="checkbox"/> Turkeys			
<input checked="" type="checkbox"/> Chickens (Broilers)		<u>63K</u>	
<input type="checkbox"/> Chickens (Layers)			
<input type="checkbox"/> Ducks			
3. TOTAL ANIMALS		<u>11</u>	

C. <input type="checkbox"/> TOPOGRAPHIC MAP			
D. TYPE OF CONTAINMENT, STORAGE AND CAPACITY			
1. Type of Containment	Total Capacity (in gallons)		
<input type="checkbox"/> Lagoon			
<input type="checkbox"/> Holding Pond			
<input type="checkbox"/> Evaporation Pond			
<input checked="" type="checkbox"/> Other: Specify <u>Non stored</u>			
2. Report the total number of acres contributing drainage: _____ acres			
3. Type of Storage	Total Number of Days	Total Capacity (gallons/tons)	
<input type="checkbox"/> Anaerobic Lagoon			
<input type="checkbox"/> Storage Lagoon			
<input type="checkbox"/> Evaporation Pond			
<input type="checkbox"/> Aboveground Storage Tanks			
<input type="checkbox"/> Belowground Storage Tanks			
<input type="checkbox"/> Roofed Storage Shed			
<input type="checkbox"/> Concrete Pad			
<input type="checkbox"/> Impervious Soil Pad			
<input checked="" type="checkbox"/> Other: Specify <u>Removed by Broker</u>			
E. NUTRIENT MANAGEMENT PLAN			
Note: Effective February 27, 2009, a permit application is not complete until a nutrient management plan is submitted to the Permitting Authority.			
1. Please indicate whether a nutrient management plan has been included with this permit application. <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No			
2. If no, please explain: <u>copy on file</u>			
3. Is a nutrient management plan being implemented for the facility? <input type="checkbox"/> Yes <input type="checkbox"/> No <u>May 15 2015</u>			
4. The date of the last review or revision of the nutrient management plan. Date: <u>June 23, 2010 expiring</u> <u>HS</u>			
5. If not land applying, describe alternative use(s) of manure, litter, and/or wastewater:			
F. LAND APPLICATION BEST MANAGEMENT PRACTICES			
Please check any of the following best management practices that are being implemented at the facility to control runoff and protect water quality:			
<input checked="" type="checkbox"/> Buffers <input type="checkbox"/> Setbacks <input type="checkbox"/> Conservation tillage <input type="checkbox"/> Constructed wetlands <input type="checkbox"/> Infiltration field <input type="checkbox"/> Grass filter <input type="checkbox"/> Terrace			

III. CONCENTRATED AQUATIC ANIMAL PRODUCTION FACILITY CHARACTERISTICS							
A. For each outfall give the maximum daily flow, maximum 30-day flow, and the long-term average flow.				B. Indicate the total number of ponds, raceways, and similar structures in your facility.			
1. Outfall No.	2. Flow (gallons per day)			1. Ponds	2. Raceways	3. Other	
	a. Maximum Daily	b. Maximum 30 Day	c. Long Term Average	C. Provide the name of the receiving water and the source of water used by your facility.			
				1. Receiving Water		2. Water Source	
D. List the species of fish or aquatic animals held and fed at your facility. For each species, give the total weight produced by your facility per year in pounds of harvestable weight, and also give the maximum weight present at any one time.							
1. Cold Water Species				2. Warm Water Species			
a. Species		b. Harvestable Weight (pounds)		a. Species		b. Harvestable Weight (pounds)	
		(1) Total Yearly	(2) Maximum			(1) Total Yearly	(2) Maximum
E. Report the total pounds of food during the calendar month of maximum feeding.				1. Month		2. Pounds of Food	
IV. CERTIFICATION							
<p><i>I certify under penalty of law that I have personally examined and am familiar with the information submitted in this application and all attachments and that, based on my inquiry of those individuals immediately responsible for obtaining the information, I believe that the information is true accurate and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment.</i></p>							
A. Name and Official Title (print or type)				B. Telephone			
Ryan L. Brady owner/operator				787 894-9410			
C. Signature				D. Date Signed			
[Signature]				8/19/2015			

**VIRGINIA POLLUTANT DISCHARGE ELIMINATION SYSTEM PERMIT
CONCENTRATED ANIMAL FEEDING OPERATIONS**

PERMIT APPLICATION ADDENDUM

PLEASE TYPE OR PRINT ALL INFORMATION - ALL PARTS OF THIS FORM MUST BE COMPLETED

For DEQ Use Only:

Complete: Yes ☐ No ☐

Initials: _____

Date: _____

I. CONTACT INFORMATION

Owner Name:	Ryan Lee Brady				
Mailing Address:	P.O. Box 416 Atlantic Va 23303				
City:		State:		Zip Code:	
E-Mail Address:	ryanlbrady81@yahoo.com				
Business Phone:	757-894-4410	Mobile Phone:		Home Phone:	757-824-4349
Best day of the week & time to contact the applicant:	Day(s)		Time(s)		<input checked="" type="checkbox"/> AM
	X		11:00		<input type="checkbox"/> PM

II. FARM/FACILITY INFORMATION

Farm/Facility Name:	Brady Farm		
Location:	32304 grete rd Atlantic Va 23303		
Does Farm/Facility have an existing permit?	<input checked="" type="checkbox"/> Yes	<input type="checkbox"/> No	If yes, Permit Number: VP6250107

III. FARM OPERATING MANUAL

- A. Has a Farm Operating Manual been developed for this facility? ☐ Yes ☒ No ?
- B. If yes, provide the date of the last review/revision of the Farm Operating Manual. Date: _____
- C. A copy of the Manual (if already developed) is attached: ☐ Yes ☐ No.
The attached copy may be a hard copy or an electronic copy.

IV. GROUNDWATER MONITORING PLAN

- A. If the facility has an existing permit, is groundwater monitoring required? ☐ Yes ☒ No
- B. If yes, has a Groundwater Monitoring Plan been developed for this facility? ☐ Yes ☐ No ☐ N/A
- C. If yes, provide the date of the last review/revision of the Groundwater Monitoring Plan. Date: _____
- D. If no, please explain: _____

- E. A copy of the Plan (if already developed) is attached: ☐ Yes ☐ No ☒ N/A
The attached copy may be a hard copy or an electronic copy.

V. DISCHARGE POINT AND BEST MANAGEMENT PRACTICES (BMPs) RELATED TO A DISCHARGE POINT

For each discharge point, provide the following information in the table below:

- a descriptive name of the discharge point;
- the latitude and longitude of its location;
- the name of the nearest potential receiving water;
- all areas contributing manure, litter, process wastewater, or storm water from the facility; and
- the treatment received or BMPs utilized, installed or constructed prior to the discharge point.

For DEQ Use: I.D. Number	Discharge Point	Latitude	Longitude	Name of Nearest Potential Receiving Water	Area Contributing Flow	Treatment or BMPs
	SW corner of Horse #3	37.90020	-75.51051	Assawoman Bay	148, 636 sq. ft.	Heavy use of storm water trenches
	2					
	3					
	4					
	5					

VI. BEST MANAGEMENT PRACTICES (BMPs)

- A. BMPs are utilized, installed or constructed for each of the areas listed in Section V above.

☒ Yes ☐ No

- B. If no, please explain:

- C. Attach to this Addendum, a description of the BMPs listed above in Section V or a copy of the Farm Operating Manual (if already developed). The attached copy may be a hard copy or an electronic copy.

VII. OTHER ATTACHMENTS (see instructions for requirements)

- A. The completed and signed Local Government Ordinance Form (LGOF) is attached:

- B. A copy of the Department of Conservation and Recreation (DCR) Nutrient Management Plan (NMP) approval letter is attached:

☐ Yes ☐ No ☐ On file with DEQ ☒ Yes ☐ No

VIII. MORTALITY DISPOSAL METHODS

- A. Indicate the mortality disposal method or methods to be utilized to ensure compliance with the permit.

☒ Render ☐ Compost ☐ Incinerate ☐ Landfill ☐ Other:

- B. Attach to this Addendum, a description of the mortality disposal method or methods to be utilized to ensure compliance with the permit. Include a description of the site where the mortalities will be handled. The attached copy may be a hard copy or an electronic copy.

In the case of a catastrophic animal mortality, disposal methods will be consistent with appropriate practices and methods approved by the State Veterinarian's Office and this Department. These same practices and methods shall be documented in the Farm Operating Manual.

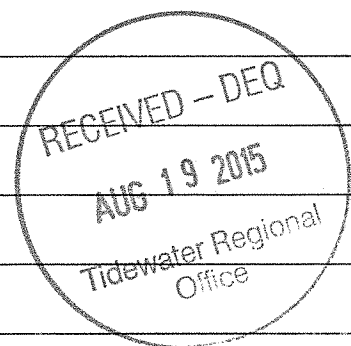
IX. CHEMICAL HANDLING METHODS

Attach to this Addendum, a description of the practices, procedures and methods which will be followed to ensure that chemicals and other contaminants handled at the facility are not disposed of in any manure, process wastewater, or storm water storage or treatment system unless such systems are specifically designed to treat such chemicals and other contaminants. These same practices, procedures and methods shall be included in the Farm Operating Manual. *The attached copy may be a hard copy or an electronic copy.*

X. CERTIFICATION STATEMENT

I certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gather and evaluate the information submitted. Based on my inquiry of the person or persons who manage the system, or those persons directly responsible for gathering the information, the information submitted is, to the best of my knowledge and belief, true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations.

Printed Name: Ryan L. Brady Official Title: Owner
Signature: Ryan L. Brady Date: ~~4/19/2015~~ RB 8/19/2015
REVISED DATE



**VIRGINIA POLLUTANT DISCHARGE ELIMINATION SYSTEM PERMIT (VPDES)
CONCENTRATED ANIMAL FEEDING OPERATIONS (CAFOs)**

PERMIT APPLICATION ADDENDUM ATTACHMENT – BEST MANAGEMENT PRACTICES

PLEASE TYPE OR PRINT ALL INFORMATION - ALL PARTS OF THIS FORM MUST BE COMPLETED

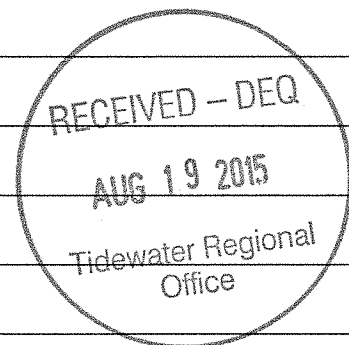
OWNER/FARM/FACILITY INFORMATION

Owner Name:	Ray Lee Brady
Farm/Facility Name:	Brady Farm
Location:	32304 Gretey rd.

In accordance with the regulation and permit: If a BMP or BMPs are utilized, installed or constructed at the facility for water quality protection including the requirements and assumptions of any approved TMDL or in compliance with 40 CFR Part 412, the BMP or BMPs must be maintained onsite for the term of this permit or the life of the practice, whichever is shorter. Details regarding the purpose and maintenance of the BMP shall be included in the facility's Farm Operating Manual. The Department will provide written notification to the owner that a facility is subject to any TMDL requirements.

1. In the space provided below, provide a description of the best management practices which are utilized, installed or constructed for each of the Discharge points listed in Section V of this application addendum. These same best management practices shall be included in the Farm Operating Manual. {i.e.; a vegetated area is maintained around the litter storage and poultry house end pads}

- Storm water collection trenches have been put in place, to hold storm water runoff on the property.
- Heavy use concrete pads have been installed at the ends of each house.



ADDITIONAL INFORMATION AND INSTRUCTIONS VPDES CAFO PERMIT APPLICATION ADDENDUM

GENERAL INFORMATION

This permit application addendum must be completed and submitted when an owner of a concentrated animal feeding operation makes application to the Department of Environmental Quality for a Virginia Pollutant Discharge Elimination (VPDES) Permit. Contact the nearest DEQ regional office if you have questions about completing this form. Please type or print all information. All parts of this form must be completed.

DEFINITION OF TERMS

Best Management Practice (BMP): means schedules of activities, prohibitions of practices, maintenance procedures, and other management practices to prevent or reduce the discharge of pollutants to surface waters. BMPs also include treatment requirements, operating procedures, and practices to control plant site runoff, spillage or leaks, sludge or waste disposal, or drainage from raw material storage.

Process Wastewater: Process wastewater from an AFO means water directly or indirectly used in the operation of the AFO for any of the following: spillage or overflow from animal or poultry watering systems; washing, cleaning, or flushing pens, barns, manure pits, or other AFO facilities; direct contact swimming, washing, or spray cooling of the (confined) animals; or dust control. Process wastewater from an AFO also includes any water that comes into contact with any raw materials, products, or byproducts including manure, litter, feed, milk, eggs or bedding.

Production Area: means that part of an AFO that includes the animal confinement area, the manure storage area, the raw materials storage area, and the waste containment areas. The animal confinement area includes but is not limited to open lots, housed lots, feedlots, confinement houses, stall barns, free stall barns, milkrooms, milking centers, cowyards, barnyards, medication pens, walkers, animal walkways, and stables. The manure storage area includes but is not limited to lagoons, runoff ponds, storage sheds, stockpiles, under house or pit storages, liquid impoundments, static piles, and composting piles. The raw materials storage areas include but is not limited to feed silos, silage bunkers, and bedding materials. The waste containment area includes but is not limited to settling basins, and areas within berms and diversions that separate uncontaminated storm water. Also included in the definition of production area is any egg washing or egg processing facility, and any area used in the storage, handling, treatment, or disposal of mortalities.

Storm Water: means storm water run-off, snow melt run-off, and surface run-off and drainage.

APPLICATION ADDENDUM INSTRUCTIONS

I. CONTACT INFORMATION

Provide the name, mailing address, telephone numbers and e-mail address (if available) of the person to whom this permit will be issued. Provide the best day of the week and time for DEQ to make contact with the owner during regular working hours.

II. FARM/FACILITY INFORMATION

Provide the name of the farm or facility. Provide the physical location for the animal feeding operation other than the owner's mailing address (e.g. Rt. 653, 1 mile west of Rt. 702). List the number of any expiring or currently effective permits issued to the concentrated animal feeding operation under the VPA or VPDES permit program.

III. FARM OPERATING MANUAL

Indicate if a Farm Operating Manual has been developed for this facility. If yes, provide the date of the last review/revision of the Farm Operating Manual. If the Manual has already been developed then indicate whether a copy of the Manual is attached to this Addendum. *The attached copy may be a hard copy or an electronic copy.*

Permit requirements for development of a manual:

The Permittee shall develop and submit a Farm Operating Manual for approval by the Department within 90 days of the effective date of this permit. The Farm Operating Manual shall include at a minimum the following information:

- a. identification of land features or structures where storm water will likely leave the production area(s) and enter surface waters of the state;
- b. identification of land features or structures in the land application area(s) which will increase the risk of nitrogen and phosphorus transport to surface waters of the state; land features or structures include tile lines, pipes or ditches;
- c. practices and procedures which will be followed to ensure that the waste storage facilities are designed and operated in accordance with the permit;
- d. practices, procedures and applicable best management practices (BMPs) which will be utilized to ensure compliance with the requirements of this permit including but not limited to the following:
 - (1) if applicable, identification of the location of BMP(s) that are installed or will be installed at the CAFO facility, for BMP(s) that will be installed include the expected timeframe for installation;
 - (2) specification of appropriate maintenance that will be performed for each BMP(s);
 - (3) specification of the steps that will be taken in the event that a BMP(s) is found deficient,
 - (a) as a result of the visual inspections as required by the permit, or
 - (b) as a result of other routine inspections, as prescribed by the Farm Operating Manual, of BMP(s) utilized or installed in accordance with the permit.

The steps shall include any actions that will be taken to correct deficiencies in accordance with the permit.
- e. practices and procedures which will be followed to ensure that all equipment needed for the proper operation of the permitted facilities is maintained in good working order, including but not limited to the following:
 - (1) retention of the equipment manufacturer's operation and maintenance manuals or other reference source to allow for timely maintenance and prompt repair of equipment when appropriate; and
 - (2) specification of the frequencies of inspections in order to detect leaks on equipment used for liquid manure handling and land application;
- f. an emergency plan which includes appropriate procedures for employees to follow in case of an emergency such as; an unauthorized discharge of manure, poultry waste, from the production area or catastrophic animal mortality. The emergency plan must include appropriate information for assistance with the particular emergency and must include contact information for local, state and federal agencies required to be notified in the case of any of the above mentioned events.
- g. practices, procedures and methods which will be followed to monitor and analyze waste;
- h. practices, procedures and methods which will be used to manage solids in the waste storage or treatment facilities; and
- i. practices, procedures and methods which will be followed to ensure that chemicals and other contaminants handled at the facility are not disposed of in any manure, process wastewater, or storm water storage or treatment system unless such systems are specifically designed to treat such chemicals and other contaminants.

The Permittee shall operate the CAFO facility in accordance with the approved Farm Operating Manual which becomes an enforceable part of the permit. Any changes in those practices and procedures shall be documented and submitted to the Department for staff approval within 90 days of the effective date of the changes. The existing manual shall continue to be implemented until the revised manual is approved by the Department. Upon approval of submitted manual changes, the revised manual becomes an enforceable part of the permit. Noncompliance with the approved manual shall be deemed a violation of the permit.

IV. GROUNDWATER MONITORING PLAN

If the facility has an existing permit, indicate whether groundwater monitoring is required. If groundwater monitoring is required, indicate if a groundwater monitoring plan has been developed for this facility. If yes, provide the date of the last review/revision of the plan. If a plan has not been developed, please explain why the plan has not been developed. If the plan has already been developed then indicate whether a copy of the plan is attached to this Addendum. *The attached copy may be a hard copy or an electronic copy.*

Permit requirements for development of a plan:

The Permittee shall develop and submit a Groundwater Monitoring Plan for approval by the Department within 90 days of the effective date of this permit. The Groundwater Monitoring Plan shall include at a minimum the following information:

- (1) Procedures to ensure appropriate methods and practices are being used when monitoring groundwater, and
- (2) Procedures to ensure appropriate measures are taken where monitoring results demonstrate potential noncompliance with the permit and the approved monitoring plan.

V. DISCHARGE POINT AND BEST MANAGEMENT PRACTICES (BMPs) RELATED TO A DISCHARGE POINT

For each discharge point, provide the following information in the table below:

- a) a descriptive name of the discharge point;
- b) the latitude and longitude of its location;
- c) the name of the nearest potential receiving water;
- d) all areas contributing manure, litter, process wastewater, or storm water from the facility; and
- e) the treatment received or BMPs utilized, installed or constructed prior to the discharge point.

VI. BEST MANAGEMENT PRACTICES (BMPs)

Indicate whether BMPs are utilized, installed or constructed for each of the areas listed in Section V. If no BMPs are not utilized, installed or constructed for each of the areas then explain. Attach to this Addendum, a description of the BMPs listed above in Section V or a copy of the Farm Operating Manual (if already developed). *The attached copy may be a hard copy or an electronic copy.*

VII. MORTALITY DISPOSAL METHODS

Indicate the mortality disposal method or methods to be utilized to ensure compliance with the permit.

Attach to this Addendum, a description of the mortality disposal method or methods to be utilized to ensure compliance with the permit. Include a description of the site where the mortalities will be handled. *The attached copy may be a hard copy or an electronic copy.*

Permit requirements for mortality disposal:

Mortalities shall not be disposed of in any liquid manure or process wastewater system, unless alternative technologies are designed to handle mortalities and approved by the Department and must be handled in such a way as to prevent the discharge of pollutants to surface water. These same practices, procedures and methods shall be recorded in accordance with the permit.

In the case of a catastrophic animal mortality, disposal methods will be consistent with appropriate practices and methods approved by the State Veterinarian's Office and this Department. These same practices and methods shall be documented in the Farm Operating Manual.

VIII. CHEMICAL HANDLING METHODS

Attach to this Addendum, a description of the practices, procedures and methods which will be followed to ensure that chemicals and other contaminants handled at the facility are not disposed of in any manure, process wastewater, or storm water storage or treatment system unless such systems are specifically designed to treat such chemicals and other contaminants. These same practices, procedures and methods shall be included in the Farm Operating Manual. *The attached copy may be a hard copy or an electronic copy.*

IX. OTHER ATTACHMENTS

Indicate if the following documents are attached to this addendum.

Local Government Ordinance Form (LGOF)

State Law requires that the owner of any proposed pollutant management activities or those which have not previously been issued a valid VPA or VPDES permit must attach to the permit application, the completed LGOF. The LGOF is the notification from the governing body of the county, city or town where the operation is located that the operation is consistent with all ordinances adopted pursuant to Chapter 22 (§ 15.2-2200 et seq.) of Title 15.2 of the Code of Virginia.

Nutrient Management Plan (NMP) Approval Letter

A copy of the letter from the Virginia Department of Conservation and Recreation (DCR) approving the operation's NMP and certifying that the NMP was developed by a certified nutrient management planner in accordance with §10.1-104.2 of the Code of Virginia must be attached to the permit application. However, if a current NMP approval letter is on file at the DEQ regional office then it is not necessary to attach the NMP approval letter.

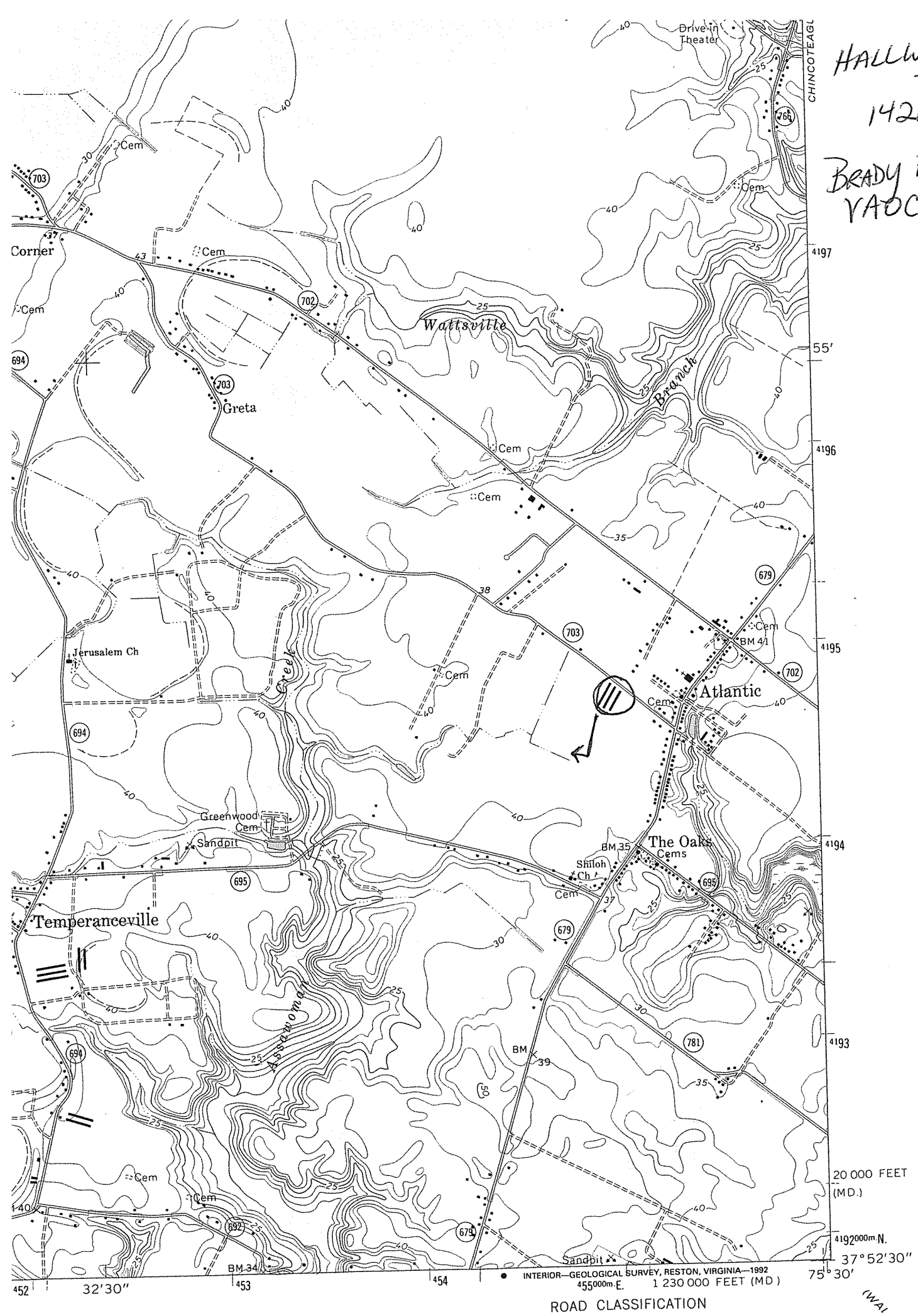
X. CERTIFICATION STATEMENT

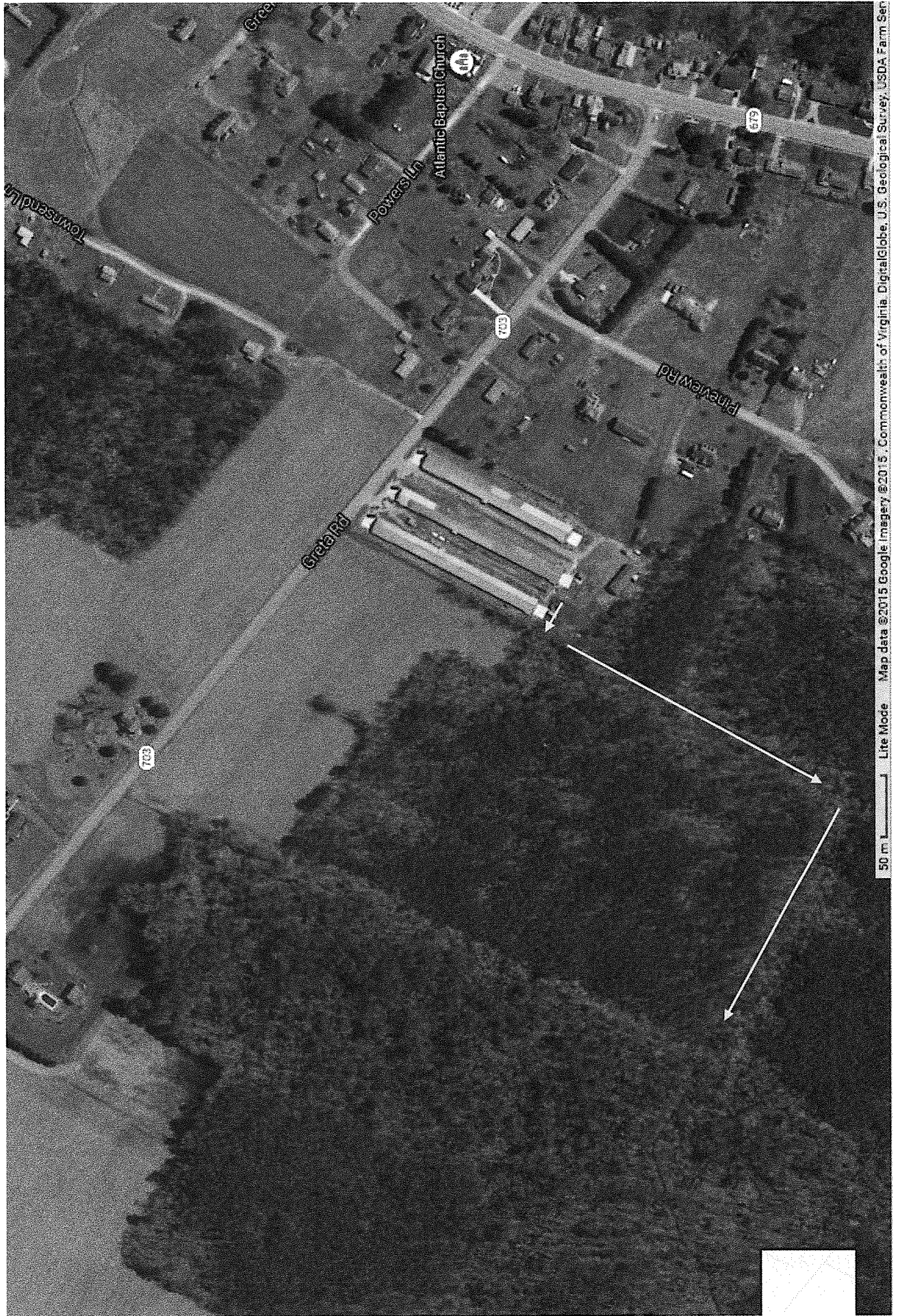
The Certification must bear an original signature in ink, photocopies are not acceptable. State regulations require the permit application to be signed as follows:

1. For a corporation: by a responsible corporate officer. For the purpose of this section, a responsible corporate officer means: (i) a president, secretary, treasurer, or vice-president of the corporation in charge of a principal business function, or any other person who performs similar policy-making or decision-making functions for the corporation, or (ii) the manager of one or more manufacturing, production, or operating facilities, provided the manager is authorized to make management decisions that govern the operation of the regulated facility, including having the explicit or implicit duty of making major capital investment recommendations, and initiating and directing other comprehensive measures to assure long-term environmental compliance with environmental laws and regulations; the manager can ensure that the necessary systems are established or actions taken to gather complete and accurate information for permit application requirements; and where authority to sign documents has been assigned or delegated to the manager in accordance with corporate procedures;
2. For a partnership or sole proprietorship: by a general partner or the proprietor, respectively; or
3. For a municipality, state, federal, or other public agency: by either a principal executive officer or ranking elected official. For purposes of this section, a principal executive officer of a federal agency includes: (i) the chief executive officer of the agency, or (ii) a senior executive officer having responsibility for the overall operations of a principal geographic unit of the agency.

HALLWOOD
Topo
142A

BRADY Farm
VAOC50005





Molly Joseph Ward
Secretary of Natural Resources

Clyde E. Cristman
Director



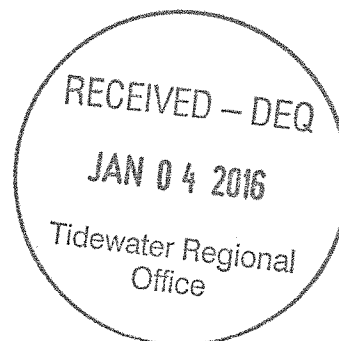
COMMONWEALTH of VIRGINIA
DEPARTMENT OF CONSERVATION AND RECREATION

Joe Elton
Deputy Director of Operations

Rochelle Altholz
*Deputy Director of
Administration and Finance*

David Dowling
*Deputy Director of
Soil and Water and Dam Safety*

July 9, 2015



Mr. Ryan L. Brady
32304 Greta Road
Atlantic, VA 23303

Dear Mr. Brady:

Your Nutrient Management Plan (NMP), dated 5/15/2015, for 63000 Broilers located in Accomack County has been approved by the Virginia Department of Conservation and Recreation for coverage under a Virginia Pollution Abatement (VPA) or Virginia Pollutant Discharge Elimination System (VPDES) permit. Only nutrient recommendations for applications to be made after the date of this letter are approved by this letter. Your NMP was written by a nutrient management planner certified by the Virginia Department of Conservation and Recreation.

A copy of this letter must be kept with your nutrient management plan. A copy of this letter and a copy of the approved plan must be sent to the Regional Office of the Virginia Department of Environmental Quality (DEQ).

It should be noted that this plan expires 5/15/2020. We recommend the process of revising this nutrient management plan begin at least six months prior to the expiration date.

If you have any questions concerning this letter, please contact me at bobby.long@dcr.virginia.gov or (434) 547-8172.

Sincerely,

A handwritten signature in cursive script that reads "Bobby Long".

Bobby Long
Nutrient Management Coordinator – Animal Waste
Division of Nonpoint Pollution Prevention

cc: Tim Sexton, DCR Nutrient Management Program Manager
Brian Broadwater

NUTRIENT MANAGEMENT PLAN IDENTIFICATION

Operator
Ryan Brady
P.O. Box 416
Atlantic, VA 23303
phone #

Integrator: Amick Farms Inc.

Farm Coordinates
Easting: 0, Northing: 0, zone: 17

Watershed Summary
watershed: AO08
county: Accomack

Nutrient Management Planner
Brian Broadwater
24199 Saxis Road
Temperanceville, VA 23442

Certification Code: 732

Acreage Use Summary
Total Acreage in this plan: 0.
Cropland: 0.
Hayland: 0.
Pasture: 0.
Specialty: 0.

Livestock Summary
Beef Cattle 0
Dairy Cattle 0
Poultry 63000
Swine 0
Other 0



Manure Production Balance

	Imported	Produced	Exported	Used	Net
kgals	0.	0.	0.	0.	0.
tons	0.	433.1	433.1	0.	0.

Plan written 5/15/2015
Valid until 5/15/2015

Signature: _____

Planner

5/13/15
date

Brady Farm Narrative

Owned and operated by Ryan Brady, Brady Farm is a confined broiler operation located on FSA Farm 3306/Tract 77027 in Accomack County, Virginia just west of the town of Atlantic on Greta Road. Mr. Brady contracts to raise chickens with Amick Farms Inc., a local Integrator.

There are a total of 3 houses included in the Brady Farm operation. Two poultry houses measure 40'x430' and one measuring 40'x400' with a maximum capacity of 21,500 and 20,000 birds per house per flock respectively. Total combined capacity of the Brady Farm is 63,000 birds per flock with an annual maximum production of 346,500 birds per year based on an average of 5.5 flocks produced per year. When maximum production capacities are realized, this farm generates approximately 433.13 tons of litter annually.

Litter management on the Brady farm consists of windrowed in-house composting and scheduled cleanouts. In-house litter composting reduces disease pathogens in the litter and minimizes the number of times required for litter removal. There is no litter stacking shed located on the Brady property however there is an emergency outside storage area designated on the map. In case of such situation all drainage from this area will be stopped to prevent the offsite movement of water and nutrients. All daily mortality is incinerated. All litter is transferred off the farm.

Manure Production Summary

Manure Name: BROILER

Animal Summary
Broiler: 63000

Manure Storage Capacity: 0. tons

Manure Analysis:
TKN: 75.95
P2O5: 50.92
NH4: 16.4
K2O: 48.68

Plant Available Nutrients:
Immediate Incorporation:
50.49 lbs N
50.92 lbs P2O5
48.68 lbs K2O
Surface Applied:
43.93 lbs N
50.92 lbs P2O5
48.68 lbs K2O
Residual N:
yr 1: 7.15 lbs
yr 2: 2.98 lbs
yr 3: 1.19 lbs

Manure Production
Dec-Feb 108
Mar-May 108
Jun-Aug 108
Sep-Nov 108

Total Produced: 433
Manure Sold/yr: 433
Manure purch./yr: 0

Poultry Manure Production Calculation Details

$$\text{production}[\text{tons/yr}] = (\# \text{ confined})[\text{birds}] * (\# \text{ cycles})[\text{cycles}] * (\text{prod factor})[\text{tons/cycle/K-bird}] * (0.001)[\text{K-bird/bird}]$$

Group Name	animal	%(#) confined	avg wt	prod factor	produced
POULTRY	Broiler	100(63000)	4.00	1.25	433.13

**Nutrient Management Plan Special Conditions for
Virginia Pollution Abatement (VPA) and Virginia Pollutant Discharge
Elimination System (VPDES) Permits**
September 2011

The following management practices will be utilized for poultry operations transferring litter and requiring a VPA or VPDES permit:

1. Representative litter samples will be analyzed at a minimum of once every three (3) years for VPA permits and once per year for VPDES permits for the following: total nitrogen or total Kjeldahl nitrogen (TKN), ammonium nitrogen, total phosphorus, total potassium, calcium, magnesium, and percent (%) moisture. Separate samples shall be taken from all manure sources to be used for application (i.e. house, storage shed, etc.). All manure analyses shall be performed using laboratory methods consistent with *Recommended Methods of Manure Analysis*, publication A3769, University of Wisconsin, 2003 or other methods approved by the Virginia Department of Conservation and Recreation (DCR).
2. If poultry litter is stackable and contains less than 40% moisture, storage may be utilized for up to 14 days on sites meeting the following criteria:
 - Slope is not greater than 7%
 - Site must be at least 100 feet from any surface water, intermittent drainage, wells, sinkholes, rock outcrops and springs
3. Storage sites used for greater than 14 days must be identified in this plan. These sites which are not covered by a roof must meet the following criteria:
 - The litter can not be stored for greater than 180 days, and
 - The waste is covered with a waterproof reinforced tarp (ultraviolet resistant is preferable) or impermeable sheeting of 6 mil thickness or greater that is anchored against wind on the perimeter and weighted on top, and
 - The waste stockpile is protected from stormwater running onto or under it.
4. Loading areas around manure storage facilities and poultry houses that are exposed to rainfall will be maintained so that manure residue is minimal.
5. New waste storage facilities shall be designed, constructed and operated in accordance with the USDA-NRCS *Field Office Technical Guide* and other appropriate NRCS design criteria.
6. Composting of animal mortalities will be conducted in accordance with the latest guidance developed by Virginia Cooperative Extension.
7. This nutrient management plan will be revised at least once every five (5) years to make adjustments for litter nutrient analysis or prior to any waste application.
8. This nutrient management plan must be amended or modified and submitted to DCR for review and approval if animal numbers increase above the level specified in the plan or animal types including intended market weights are changed.

9. The litter transferred from this facility will be transferred in accordance with the Virginia Department of Environmental Quality's requirements and those of other regulatory agencies.
10. These conditions do not override any more restrictive plan requirements if required by other specific legislative, regulatory or incentive programs which apply to a specific operator.

ANIMAL WASTE ANALYSIS REPORT
Agricultural Service Laboratory
Clemson University

LAB No. 20153

BRADY, RYAN
PO BOX 416
ATLANTIC VA

23303

ACCOUNT 0000000
DATE 02/14/2014
RYANLBADY81@YAHOO.COM

PREPAID

SAMPLE NO. 140204 MANURE: BROILER STORAGE: COVERED

-----RESULTS REPORTED ON AN AS-SAMPLED BASIS-----

			lbs/ton
Ammonium Nitrogen	0.82	%	16.40
Organic Nitrogen	3.80	%	75.95

INCORPORATED AVAILABLE NITROGEN ESTIMATE			58.69
SURFACE AVAILABLE NITROGEN ESTIMATE			53.77

Phosphorus as P2O5	2.55	%	50.92
Potassium as K2O	2.43	%	48.68
Calcium	1.49	%	29.75
Magnesium	0.43	%	8.61
Sulfur	0.86	%	17.23
Zinc	346.86	ppm	0.69
Copper	241.94	ppm	0.48
Manganese	444.74	ppm	0.89
Sodium	6871.53	ppm	13.74

Moisture	21.70	%	

INCORPORATED PLANT AVAILABLE NITROGEN ESTIMATE - 80% of ammonium-N, 60% of organic-N, and 100% of nitrate-N (if determined). Assumes the manure will be incorporated into the soil within hours of application. Assumes some loss of ammonium-N during application and prior to incorporation.

SURFACE PLANT AVAILABLE NITROGEN ESTIMATE - 50% of ammonium-N, 60% of organic-N, and 100% of nitrate-N (if determined). Assumes the manure will be left on the surface of the soil with no incorporation by plowing or irrigation.

Available nitrogen calculations are estimates and if nitrate-N was not requested the amount of available nitrogen may be slightly more than reported. Also, the actual amount may be more or less than the estimate depending on the composition of the manure, soil type, and environmental conditions.

All of the potash in the animal waste should be plant available in the first year of application. Although not all of the phosphorous is available in the first year, its availability should be comparable to that in commercial fertilizers.

The rate of animal waste to apply for crop production is dependent on the nutrient content of the waste, method of application and incorporation, soil test, crop to be grown, and previous manure applications. In most cases, the plant available nitrogen content of the waste is used to determine the rate of application.

The Agricultural Service Laboratory is a public service of Clemson University, an affirmative action and equal opportunity educational institution.

** <http://www.clemson.edu/agrsrvlb> **

Greta Road

Industrious

Quinto storage area

Broiler houses

House and well

F 3306

T 77027



COMMONWEALTH of VIRGINIA

DEPARTMENT OF ENVIRONMENTAL QUALITY

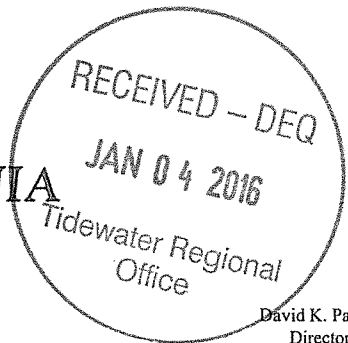
TIDEWATER REGIONAL OFFICE

5636 Southern Boulevard, Virginia Beach, Virginia 23462

(757) 518-2000 Fax (757) 518-2103

www.deq.virginia.gov

L. Preston Bryant, Jr.
Secretary of Natural Resources



David K. Paylor
Director

Francis L. Daniel
Regional Director

April 16, 2007

Mr. Ryan L. Brady
Ryan Lee Brady Farm
32314 Greta Road
Atlantic, Virginia 23303-2151

Location: Accomack County
Registration No.: 90669

Dear Mr. Brady:

This office is in receipt of your request to evaluate the installation of a poultry incinerator at your farm located at 32314 Greta Road in Atlantic, Virginia. The incinerator has been found to be exempt from new source review permitting requirements at 9 VAC 5-80-1100 of the regulations of the Commonwealth of Virginia Regulations for the Control and Abatement of Air Pollution.

This decision to declare the incineration equipment as exempt from permitting is reliant on the continued operation of the equipment as follows:

1. An exempt poultry incinerator has a design capacity of 400 pounds per charge, or less;
2. Be used only to dispose of poultry originating on the farm where the incinerator is located;
3. Be operated in accordance with the manufacturer's recommendations;
4. Not be charged at a rate that exceeds the specified design capacity, and;
5. Not result in public complaints being filed with the DEQ regarding odor or visible emissions.

If, in the future, it is found that the incinerator can not be operated in compliance with all of the conditions listed above, you may apply for an operating permit as is required in the regulations at 9 VAC 5, Chapter 80.

If you have any questions about this permit exemption, you may contact Mr. Steve Hackney at (757) 518-2124 or sahackney@deq.virginia.gov.

Sincerely,

Jane A. Workman
Air Permit Manager

JAW/SAH/RyanL.BradyFarm.xmt.doc

POULTRY WASTE TRANSFER RECORDS - RECIPIENTS

Poultry General Poultry Waste Broker Information:

Name: Ryan Brady

Mailing Address:

Street

State

Zip

DEQ Registration # or Permit #:

Business Name:

Office
Regional
DEQ
RECEIVED - DEQ
JAN 04 2016

The following information is required to verify compliance with the requirements of the General Permit Regulation for Poultry Waste Management (9VAC25-630-50, 00 & 70) and § 02.1-44.17:1.1 of the Code of Virginia. This information pertains to the tracking of manure/litter sold or given away and must be recorded to comply with the law. By signing below, I acknowledge that I have received a copy of the most recent nutrient analysis of the poultry waste received and a copy of the DEQ approved Poultry Litter Fact Sheet that includes requirements for proper storage and management of poultry waste. If I am not the end user, I will provide a copy of the nutrient analysis and approved fact sheet to those whom I sell or give poultry waste.

Date(s)	Tons	Litter Analysis N-P-K (lbs/ton)	Locality Where Waste Will Be Utilized or Stored Town or City: Zip:	Nearest Stream/ Waterbody To Land Application or Storage	Recipient: Name & Signature Print: Signed:	Full Address or Broker Registration # 24199 Saw's Road Temperanceville VA 23442
1/13	50	40-52-50	Quincy 23423	Machipongo River	Brian Broedwater [Signature]	24199 Saw's Road Temperanceville VA 23442
3/13	36	40-52-50	Quincy 23423	Machipongo River	Brian Broedwater [Signature]	24199 Saw's Road Temperanceville VA 23442
5/13	40	40-52-50	Quincy 23423	Machipongo River	Brian Broedwater [Signature]	24199 Saw's Road Temperanceville VA 23442
7/13		Windrow	N/A			
9/13		Windrow	N/A			
12/13	60	40-52-50	Parkersley 23421	Metompkin Bay	Brian Broedwater [Signature]	24199 Saw's Road Temperanceville VA 23442
3/14	50	53-50-48	Parkersley 23421	Metompkin Bay	Brian Broedwater [Signature]	24199 Saw's Road Temperanceville VA 23442
5/14	65	53-50-48	Metta 23410	Bradford's Bay	Brian Broedwater [Signature]	24199 Saw's Road Temperanceville VA 23442

POULTRY WASTE TRANSFER RECORDS - RECIPIENTS

Poultry Grower/ Poultry Waste Broker Information:

Name:

Ryan Brady

Mailing Address:

Street

City

State

Zip

DEQ Registration # or Permit #:

Business Name:

The following information is required to verify compliance with the requirements of the General Permit Regulation for Poultry Waste Management (9VAC25-630-50, 60 & 70) and § 62.1-44.17:1.1 of the Code of Virginia. This information pertains to the tracking of manure/litter sold or given away and must be recorded to comply with the law. By signing below, I acknowledge that I have received a copy of the most recent nutrient analysis of the poultry waste received and a copy of the DEQ approved Poultry Litter Fact Sheet that includes requirements for proper storage and management of poultry waste. If I am not the end user, I will provide a copy of the nutrient analysis and approved fact sheet to those whom I sell or give poultry waste.

Date(s)	Tons	Litter Analysis N-P-K (lbs/ton)	Locality Where Waste Will Be Utilized or Stored Town or City: Zip:	Nearest Stream/ Waterbody To Land Application or Storage	Recipient:	
					Name & Signature Print: Signed:	Full Address or Broker Registration #
7/14	50	53-50-48	Onancock 23417 Town or City: Zip:	Onancock Creek	Brian Broach Print: Signed:	24199 Saxis Road Temperanceville VA 23442
9/14	40	53-50-48	Delta 23410 Town or City: Zip:	Bradford's Bay	Brian Broach Print: Signed:	24199 Saxis Road Temperanceville VA 23442
11/14	35	53-50-48	Delta 23410 Town or City: Zip:	Bradford's Bay	Brian Broach Print: Signed:	24199 Saxis Road Temperanceville VA 23442
2/15		Windrow	Delta 23410 Town or City: Zip:		Brian Broach Print: Signed:	24199 Saxis Road Temperanceville VA 23442
5/15	50	53-50-48	Delta 23404 Town or City: Zip:	Floyd's Bay	Brian Broach Print: Signed:	24199 Saxis Road Temperanceville VA 23442
7/15	45	53-50-48	Delta 23410 Town or City: Zip:	Pungoteague Creek	Brian Broach Print: Signed:	24199 Saxis Road Temperanceville VA 23442
10/15	40	53-50-48	Delta 23410 Town or City: Zip:	Pungoteague Creek	Brian Broach Print: Signed:	24199 Saxis Road Temperanceville VA 23442